

Transportation Alternatives Set-Aside Program

2019 Call for Projects Recommendations
for the North Central Texas Region

Surface Transportation Technical Committee

May 24, 2019

Daniel Snyder



**North Central Texas
Council of Governments**

What is the Transportation Alternatives Set-Aside Program?

- Similar to the previous Transportation Alternatives Program (TAP) and Transportation Enhancements (TE)
- Requires states to sub-allocate to areas based on population
- MPOs serving urbanized areas with populations over 200,000 are responsible for selecting projects through a competitive process



Eligible Project Activities

- Shared-Use Paths (Trails)
- On-Street Bikeways
- Bicycle/Pedestrian Signalization
- Sidewalks, Crosswalks, Curb Ramps
- Traffic Controls and Calming Measures
- Signage
- Road Diets



Federal Funding Allocation for Fiscal Year 20

	Western Region (Fort Worth District) (34%)	Eastern Region (Dallas District) (66%)	Total
2019 TA Set-Aside Funds Available	\$ 2,700,960	\$ 5,243,040	\$ 7,944,000

Evaluation and Scoring Criteria

Category	Scoring	Description
Regional Network Connectivity	25	Improves connectivity of Mobility 2040 regional paths and bikeways between cities and counties.
Mobility	20	Improves connections and access to transit.
Safety	15	Improves safety and provides facilities for pedestrians and bicyclists with a high level of comfort and suitability for users of all ages and abilities.
Reducing Barriers	10	Provides safe crossing of existing travel obstacles such as major roadways, interchanges, railroads, and bodies of water.
Congestion Reduction	10	Provides alternative travel options as an option to motor vehicle trips in areas with greater opportunity for walking and bicycling.
Destination Density	5	Provides access to areas with a high density of major employers and destinations.
Air Quality Benefits	5	Improves air quality by supporting non-motorized facility usage.
Equity	5	Improves access to disadvantaged populations and underserved communities.
Local Network Connectivity	5	Implements locally planned priorities.



Additional Considerations

Category	Scoring	Description
Project Readiness and Other Factors	20	Project readiness / ability to obligate funds and initiate construction quickly. Other factors related to project impact upon the community and local match.
Project Innovation	5	Project implements innovative or new treatments and technology that can serve as a model for the region.

2019 TA Set-Aside Applications Received and Requested Federal Funding

	Western Region (Fort Worth District)	Eastern Region (Dallas District)	Total
Total Number of Applications Received	13	16	29
Federal Funding Requested	\$ 13,344,691	\$ 20,603,864	\$ 33,948,555
Federal Funding Available	\$ 2,700,960	\$ 5,243,040	\$ 7,944,000
Requested Funding Exceeding Available Funding	\$ 10,643,731	\$ 15,360,824	\$ 26,004,555

2019 TA Set-Aside Funding Recommendations – Fort Worth District

	Nominating Entity	Project Name	Recommended TA Set-Aside Funds
1	City of Grapevine ¹	Cotton Belt Trail Segment 2	\$ 1,923,024
2	City of Grapevine	Cotton Belt Trail Segment 1	\$ 777,936
Total			\$ 2,700,960

¹ = Project construction to be implemented by DART. Funding for design of the entire 26-mile Cotton Belt Trail corridor was approved by the Regional Transportation Council on October 11, 2018.

\$ = Highlighted project indicates reduced recommended federal funding based on availability and increased local match.

2019 TA Set-Aside/CMAQ Funding Recommendations – Dallas District

	Nominating Entity	Project Name	Recommended TA Set-Aside Funds	Recommended CMAQ Funds
1	City of Plano ¹	Cotton Belt Trail Segment 26	\$ 1,700,718	\$ 0
2	City of Richardson ¹	Cotton Belt Trail Segment 21	\$ 460,851	\$ 0
3	City of Dallas ¹	Cotton Belt Trail Segments 18 and 20	\$ 2,419,157 ²	\$ 0
4	City of Coppell ¹	Cotton Belt Trail Segment 3	\$ 662,314 ²	\$ 1,567,454 ²
5	Dallas County	Harry Hines Multimodal Connection	\$ 0	\$ 2,399,747
Total			\$ 5,243,040	\$ 3,967,201

¹ = Project construction to be implemented by DART. Funding for design of the entire 26-mile Cotton Belt Trail corridor was approved by the Regional Transportation Council on October 11, 2018.

² = 929,785 Transportation Development Credits requested and recommended to award.

Recommended Funding

Funding Categories	Western Region (Fort Worth District)	Eastern Region (Dallas District)	Total Federal	Local Match	Grand Total
TA Set-Aside Funds Recommended	\$ 2,700,960	\$ 5,243,040	\$ 7,944,000	\$ 2,599,744	\$ 10,543,744
CMAQ Funds Recommended ¹	\$ 0	\$ 3,967,201	\$ 3,967,201	\$ 599,937	\$ 4,567,138
Total Recommended TA Set-Aside and CMAQ Funding	\$ 2,700,960	\$ 9,210,241	\$ 11,911,201	\$ 3,199,681	\$ 15,110,882

¹ = FY 20 CMAQ funds recommended to City of Coppell Cotton Belt Trail Section 3 for construction (\$1,567,454).
 FY 21 CMAQ funds recommended to Dallas County Harry Hines Multimodal Connection for design (\$300,000).
 FY 22 CMAQ funds recommended to Dallas County Harry Hines Multimodal Connection for construction (\$2,099,747).

Schedule

	Milestone	Date
✓	Bicycle and Pedestrian Advisory Committee (BPAC) – Info on CFP	11/14/18
✓	Surface Transportation Technical Committee (STTC) – Info on CFP	12/07/18
✓	Regional Transportation Council (RTC) – Info on CFP	12/13/18
✓	Call for Projects Opens	12/17/18
✓	Deadline for Meetings to Review Applications for Completeness	2/8/19
✓	Call for Projects Closes	3/01/19, 5 PM
✓	Resolutions Due (If not included with the Application)	3/29/19, 5 PM
✓	Review of Projects / Scoring by NCTCOG	March–April 2019
✓	Public Meetings	May 13, 2019
→	Surface Transportation Technical Committee (STTC) – Action on Selected Projects	5/24/19
	Regional Transportation Council (RTC) – Action on Selected Projects	6/13/19
	Individual Meetings with TxDOT District Staff	June–July 2019
	Submittal Deadline for Transportation Improvement Program (TIP) Modifications (November 2019 Cycle)	7/26/19
	Approval of Statewide Transportation Improvement Program (STIP)	November / December 2019

Requested Action

- Recommend Regional Transportation Council Approval of:
 - The proposed list of projects to fund through the 2019 Transportation Alternatives Set- Aside Program (TA Set-Aside) Call for Projects, as provided in Reference Item 3.2.
 - Administratively amending the TIP/STIP and amending other planning/administrative documents to incorporate these changes.

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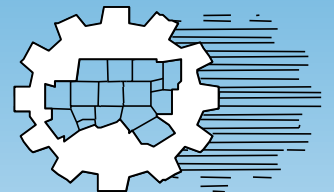
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Clean Fleets North Texas 2019 Call for Projects

**Surface Transportation Technical Committee
May 24, 2019**

**Nancy Luong
Air Quality Planner**



Air Quality Emphasis Areas

High-Emitting Vehicles/Equipment



Low Speeds

Idling



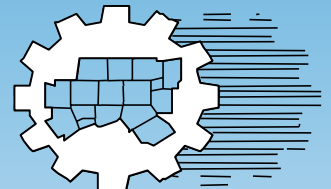
Vehicle Miles of Travel

Energy and Fuel Use



Cold Starts

Hard Accelerations



Available Funding

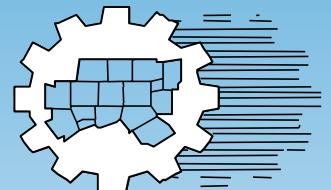
Funding Source: Environmental Protection Agency (EPA) National Clean Diesel Funding Assistance Program

Funding Category	Amount
Remaining Funds from 2017 Award*	\$122,727
New Funds from 2018 Award**	\$1,110,350
Total Funds Available	\$1,233,077

Benefits Anticipated	Lifetime Impacts
Nitrogen Oxides (NO _x) Reductions	30.48 Tons
Particulate Matter Reductions	2.65 Tons

*Funds from 2017 Award Distributed Through Clean Fleets North Texas 2018 Call for Projects. Staff Proposes to Add Any Funds Released from Project Awards under the Clean Fleets North Texas 2018 Call for Projects to this Initiative

**EPA Award Included \$39,789 for Staff Administration

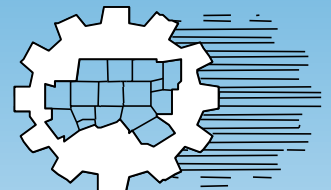


Project Eligibility

Eligible Applicants: Local Governments; Private Companies who Contract with Local Governments

Eligible Activities	Funding Threshold
<u>Replace On-Road Diesel Trucks*</u> 16,001 GVWR and Up; Model Year 1996-2006; (Also Model Year 2007-2009 if Replacing with Electric)	45% Cost if New is Electric 35% Cost if New is Powered by Engine Certified to CARB Optional Low-NO _x Standards (Both Natural Gas and Propane Engines Currently Available)
<u>Replace Non-Road Diesel Equipment*</u> Must Operate >500 Hours/Year; Eligible Model Years Vary	25% Cost for All Others

*All Old Vehicles/Equipment Must be Scrapped; Other Model Years Eligible On Case-By-Case Basis
California Air Resources Board (CARB); Gross Vehicle Weight Rating (GVWR)



Proposed Eligibility and Selection Criteria

Eligibility Screens:

Fleet Policy Adoption

Purpose: Reserve Funding for Fleets that are Engaged Beyond Grant Opportunities; Consistent with RTC Adoption of Clean Fleet Policy

Minimum Allowable Subaward: \$100,000

Purpose: Reduce Risk and Administrative Burden by Limiting Number of Subawards

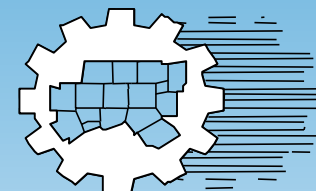
Scoring Criteria:

Cost Per Ton NO_x Emissions Reduced 75%

Purpose: Maximize Emissions Reductions

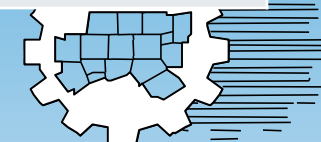
Subrecipient Risk & Oversight Criteria 25%

Purpose: Balance Project Benefits with Administrative Burden



Proposed Schedule

Milestone	Estimated Timeframe
STTC Approval to Open CFP	May 24, 2019
RTC Approval to Open CFP	June 13, 2019
CFP Opens	June 14, 2019
Application Deadline	Friday, September 6, 2019 at 5 pm
Staff Funding Recommendations Finalized	Early November 2019
STTC Action	November/December 2019
RTC Action	December 2019
Executive Board Authorization	December 2019
If Needed, Reopen CFP on Rolling 90-Day Basis to Fully Award Funds	As Needed Beginning October/November 2019
Project Implementation Deadline	March 31, 2021



Action Requested

Recommend RTC Approval Of:

Call for Projects Details

Integrate Any Funds Released from Previous Call for Projects

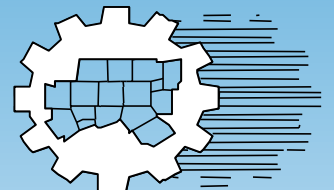
Eligibility Screens

Selection Criteria

Schedule

If Needed, Reopen Call for Projects for Rolling 90-Day Windows to Fully Award Funds

May Relax Minimum Subaward Requirement



For More Information

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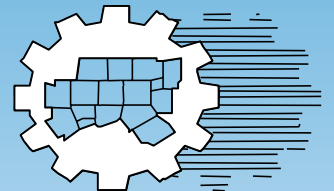
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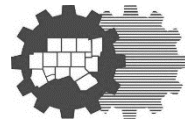
Website

www.nctcog.org/aqfunding



STATUS UPDATE ON INTEGRATED TRANSPORTATION AND STORMWATER MANAGEMENT PROJECT

Surface Transportation Technical Committee
May 24, 2019



North Central Texas Council of Governments

RETURN ON INVESTMENT

2017 “Natural Hazard Mitigation Saves” report by: National Institute of Building Sciences Institute, Multi-hazard Mitigation Council (MMC), at the direction of the U.S. Congress

Riverine flooding – for \$1 invested in mitigation strategies and higher standards (versus recovery from flooding actions), communities save \$5-7

Source: http://www.wbdg.org/files/pdfs/MS2_2017Interim%20Report.pdf



National Benefit-Cost Ratio Per Peril <small>*BCR numbers in this study have been rounded</small>		Federally Funded	Beyond Code Requirements
Overall Hazard Benefit-Cost Ratio		6:1	4:1
Riverine Flood		7:1	5:1
Hurricane Surge		Too few grants	7:1
Wind		5:1	5:1
Earthquake		3:1	4:1
Wildland-Urban Interface Fire		3:1	4:1

Table 1. Benefit-Cost Ratio by Hazard and Mitigation Measure.

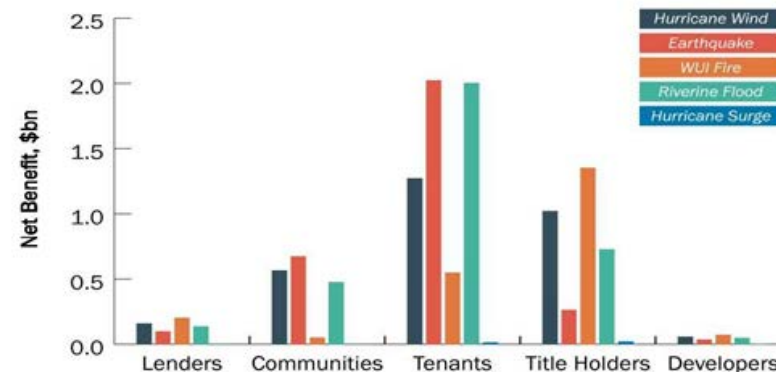
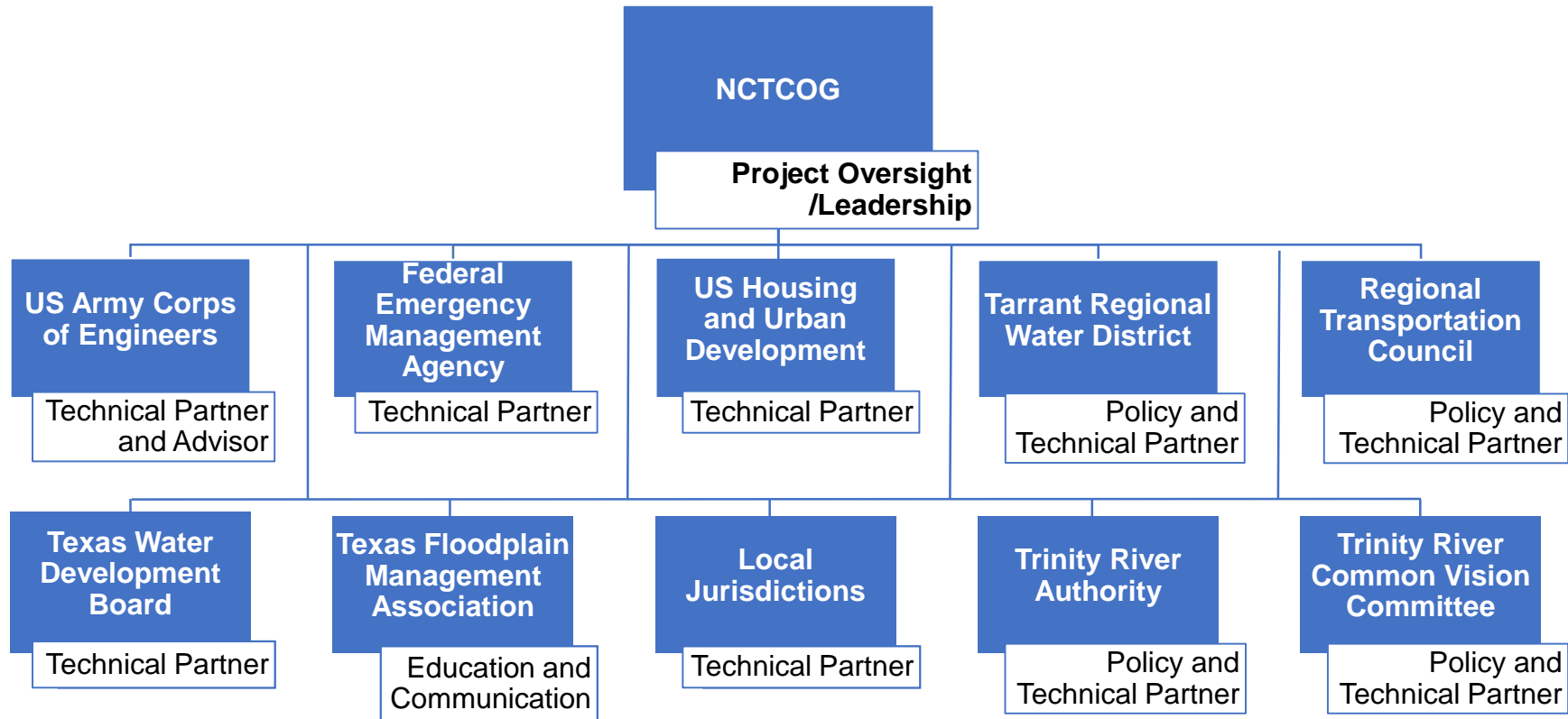
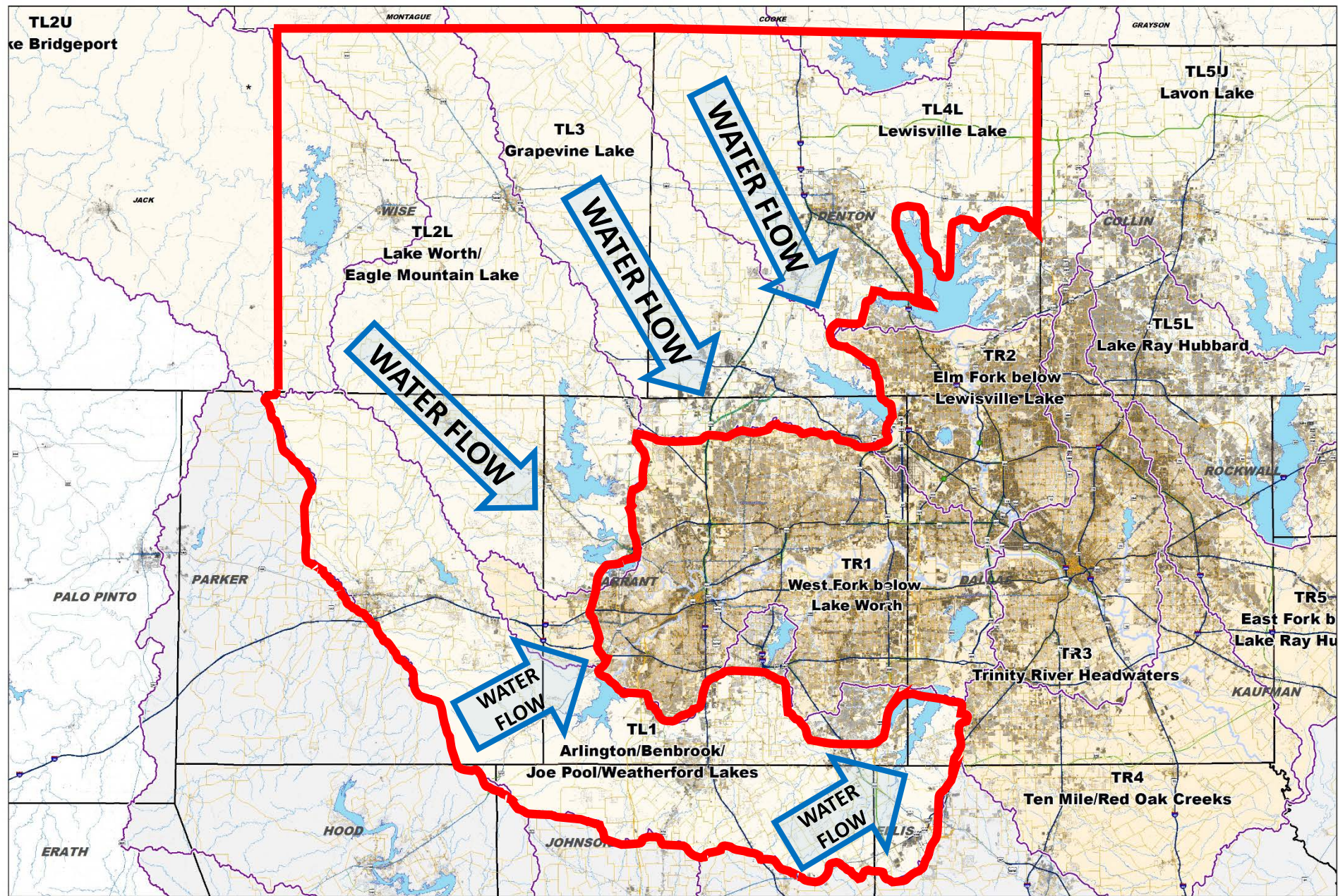


Figure 8. Stakeholder net benefits resulting from one year of constructing all new buildings to exceed select 2015 IBC and IRC requirements or to comply with 2015 IWUIC.

WHO: Project Team Members

A working group of partners and stakeholders to carry out a comprehensive planning effort in Wise County and portions of Dallas, Denton, Ellis, Johnson, Parker, and Tarrant counties



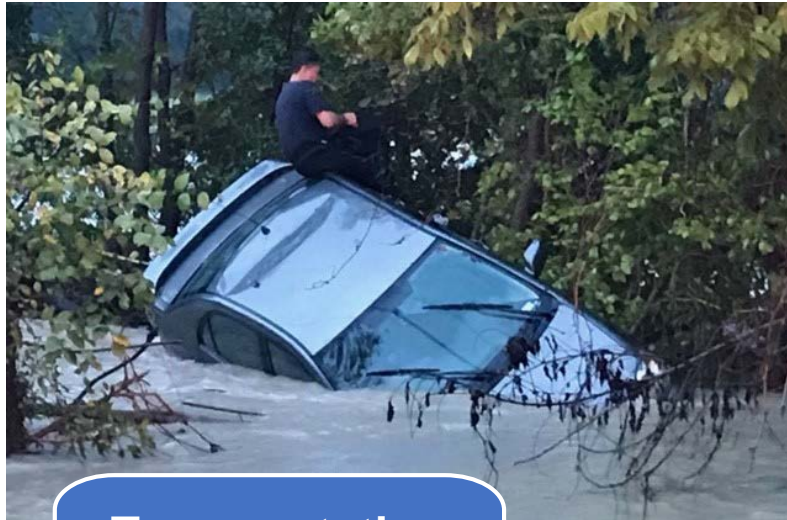


WHERE: Proposed Study Area



THUC - Hydrologic Unit Code
 Data Source : Watershed Boundary Dataset (WBD) by
 USDA - Natural Resources Conservation Service
 Stream Data by National Hydrography Dataset (NHD)
This map/data was created by the North Central Texas Council of Governments (NCTCOG) for use "as is" and is available for informational purposes only. This data was verified by a Registered Land Geographer for the State of Texas and is not intended to be used as such. NCTCOG, its officials, and its employees do not accept liability for any discrepancies, errors, or omissions that may occur.

WHY: Comprehensive, collaborative planning will dissolve silos and improve delivery of consolidated, adaptive infrastructure *before* expected population growth makes addressing these issues more difficult and costly



DeSoto Fire Rescue



City of Waxahachie

Transportation
Infrastructure
and Safety

Stormwater
Runoff



Teague Nail and Perkins, Inc.

Environmental
Features and
Tools

PREVENTION VS. RESPONSE

Transportation Infrastructure

Structure Elevation / Culverts / Model Growth

Mechanical Culverts?

Transportation “LEED” Certified (Ray Roberts / Lewisville)

Green Parkway Widths / Detention

Safety

Technology / Routing

Prioritization / Low Lying Facilities

Stormwater

Minimize / Reduce Downstream

Detention

Tools, Data, Experts

PREVENTION VS. RESPONSE CON'T.

Environmental Features

Tree Farms / Intentional Saturation
Filtration / Recharge

Wetland and Stream Bed Mitigation Banking

Environmental Stewardship as a Revenue Element

Mitigation Banking
Horse Farms
Eco-Tourism

CONTRIBUTIONS:

Partners are critical to making this possible

US Congress	US Housing and Urban Development (HUD)	US Army Corps of Engineers (USACE)	Federal Emergency Management Agency (FEMA)	Texas Department of Transportation (TxDOT)	Texas Water Development Board (TWDB)	Regional Transportation Council (RTC)
\$	\$	\$	\$	\$	\$	\$

Project Funding Goal: \$10 Million

Project Has Begun With Getting the Money

Legislative Update

SURFACE TRANSPORTATION TECHNICAL COMMITTEE | MAY 24, 2019

NICK ALLEN

NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS

Federal Update

Prospects for a bipartisan infrastructure bill

2019 goal: Both parties identified this as a significant priority for this year

April: Trump and Democratic Congressional leaders had a productive meeting, agreed to work toward an ambitious \$2 trillion bill

This week: Follow-up meeting to discuss funding/financing mechanisms ended with accusations of politicking – negotiations seem stalled

Ahead: Congress still pursuing surface transportation reauthorization

House Appropriations Committee – FY 2020 Appropriations

Draft Transportation-HUD bill allocates \$75.8B – \$25.3B goes to USDOT

FAA's aviation safety funding increases, but most programs stay at 2019 levels

86th Texas Legislature

Air Quality

SB 1070 (Watson)- Relating to certain programs under the Texas Clean Air Act that reduce vehicle emissions and improve air quality.

- SB 1070 was not discussed on the Senate floor
- Thank you to Senator Watson, Representative Israel, and their offices

HB 3745 (Bell)- Relating to the Texas Emissions Reduction Plan (TERP) fund and account.

- **HB 3745** was amended to contain language from **SB 531** (Birdwell) extending TERP

86th Texas Legislature

High-Speed Rail

Harmful rider in the budget was NOT included

- Language from last session was included, no change
- Matches current law – no state appropriations for HSR

Two dozen high-speed rail bills filed

- No bills made it to the House or Senate floor
- No further action anticipated

86th Texas Legislature

Tolling / Toll Projects / CDAs

SB 198 (Schwertner)- Relating to payment for the use of a highway toll project.

HB 1951 (Krause)- Relating to the development, construction, and operation of toll projects.

- Bill pronounced dead by procedural action

86th Texas Legislature

Miscellaneous Transportation Bills

HB 1631 (Stickland)- Relating to prohibiting the use of photographic traffic signal enforcement systems.

SB 282 (Buckingham)- Relating to the allocation of money associated with delays of transportation projects.

SB 962 (Nichols)- Relating to the determination of the sufficient balance of the Economic Stabilization Fund for purposes of allocating general revenue to that fund and the State Highway Fund.

HB 3082 (Murphy)- Relating to investigating and prosecuting the criminal offense of operating an unmanned aircraft over or near certain facilities.

- Included **SB 2299** (Powell) language in an amendment

Questions and Comments

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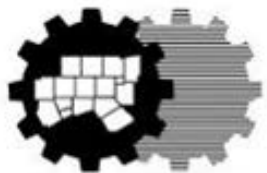
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CONGESTION MANAGEMENT PROCESS UPDATE

Surface Transportation Technical Committee Meeting
May 24, 2019

Mike Galizio
Principal Transportation Planner



North Central Texas
Council of Governments

Federal Planning Requirements

- Metropolitan Transportation Plan (MTP) “Mobility 2045”
- Transportation Improvement Program (TIP)
- Unified Planning Work Program (UPWP)
- Public Participation Plan (PPP)
- Congestion Management Process (CMP)

Statutory References: CFR Title 23, Part 450, Subpart C

CMP History

- 1991 Congestion Management System (CMS) is required as part of the Intermodal Surface Transportation Efficiency Act
 - 1994 First CMS was Adopted
 - 2005 CMS was Amended through MTP Update
 - 2007 CMS was Updated and Renamed Congestion Management Process (CMP)
 - 2013 RTC Approved CMP Update
 - 2019 Update Efforts are Underway
-

CMP Requirements

A regionally-accepted approach for managing congestion that provides up-to-date information on multimodal transportation performance and assesses alternative strategies that meet state and local needs (Source: FHWA CMP Guidebook)

Mandated in any urbanized area with a population exceeding 200,000 (known as Transportation Management Area or “TMA”)

Federal regulations do not specify timelines for updates and are not prescriptive regarding the methods and approaches that must be used to implement a CMP

Statutory References: 23 USC 134(k)(3), 23 CFR 450.322, and CFR 500.109

CMP Compliance

In a TMA designated as nonattainment for ozone or carbon monoxide, federal funds may not be programmed for any project that significantly increases capacity for single occupant vehicle (SOV) travel unless it complies with CMP requirements

In any non-attainment TMA, all reasonable CMP strategies must be incorporated into these SOV capacity expansion projects unless exempted (e.g. safety or access improvements, bottleneck removals, or sustainable development projects)

NCTCOG is working with TxDOT to develop a more streamlined process for tracking CMP strategy implementation

Statutory References: 23 CFR 450.322 (c), (e), and (f)

Assessing Strategies for Recurrent and Non-Recurrent Congestion



Types of CMP Strategies

Focus on Management and Operational Strategies which should include:

- * Travel Demand Management (TDM) Strategies;
- * Transportation System Management and Operational (TSMO) Strategies;
- * Intelligent Transportation System (ITS) Technologies;
- * Traffic Incident Management;
- * Construction Management and Coordination; and
- * Asset Optimization Improvements.

TDM Strategies

(Regional Vanpool Program)



TDM Strategies

(Bus and Light Rail Station with Park-and-Ride Lot)



Other TDM Strategies

- * Try Parking It Ride-Match Program
- * Regional Park-and-Ride Lots
- * Bicycling and Walking Options
- * Transportation Management Associations (TMAs)
- * Regional Employer Trip Reduction Program
- * Telecommuting and Compressed/Flexible Work Schedules

TSMO Strategies

(Traffic Signal Coordination and One-Way Streets)



ITS Technologies

(Toll Tag Readers, Electronic Signs, CCTVs)



Other TSMO and ITS Strategies

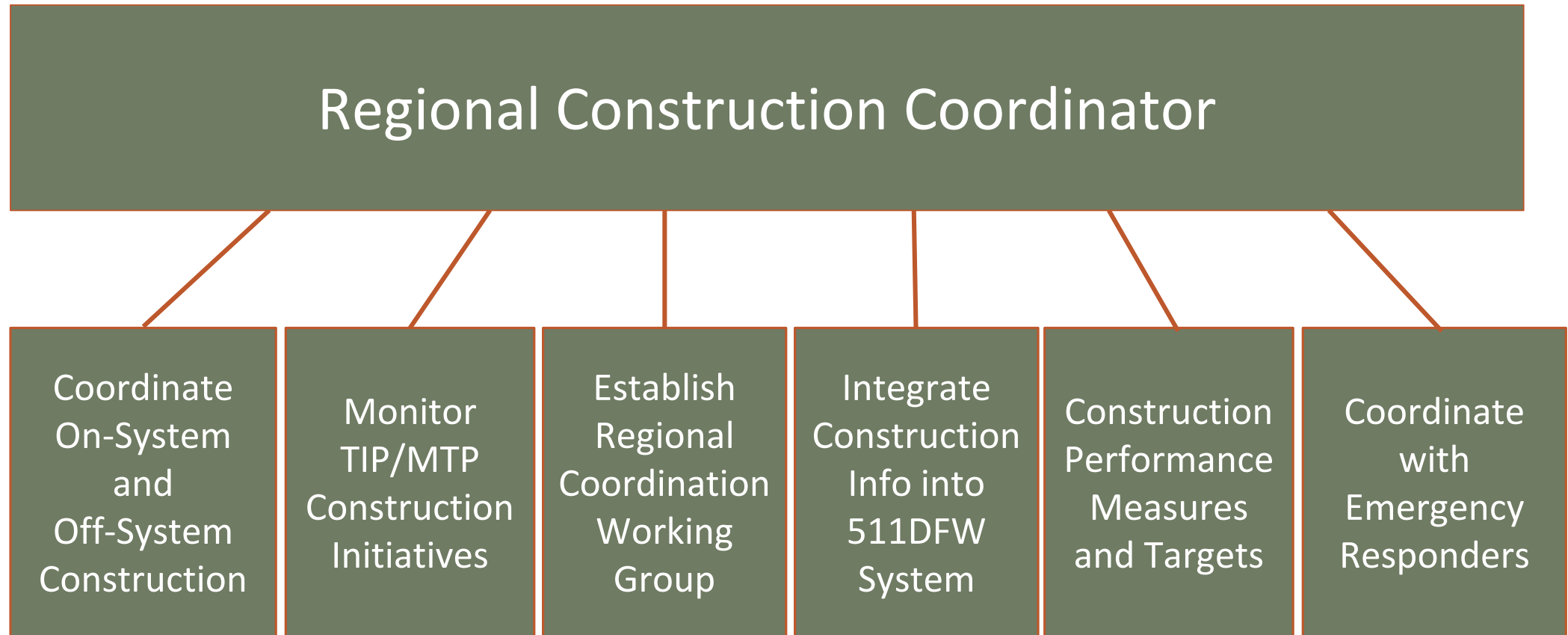
- * Regional Traffic Signal Retiming Program (RTSRP)
- * Truck Lane Restrictions
- * Traffic Management Centers
- * Special Events Management
- * Vehicle Detection Technology
- * 511DFW Traveler Information System

Traffic Incident Management

(Mobility Assistance Patrol, Emergency Responder Training)



Construction Management and Coordination



Asset Optimization

(Lower-Cost Improvements within Existing ROW – Widened Shoulders, Frontage Roads)



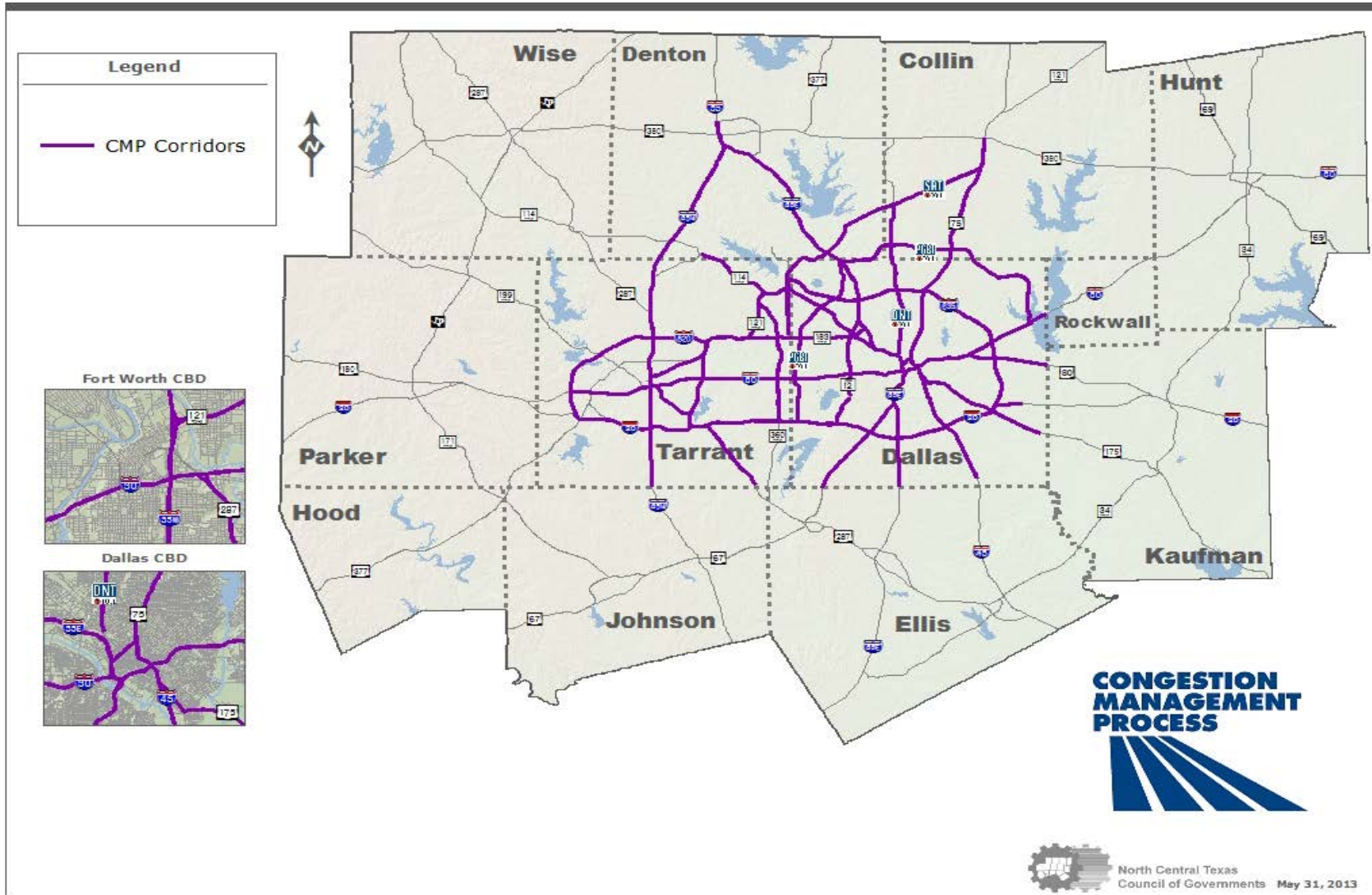
Key Questions for the Next CMP Update

1. Keep or update the CMP Goals and Objectives?
2. Expand or reduce the CMP Performance Measures?
3. Maintain or change the CMP Network?
4. Retain or revise the CMP Scoring Criteria?
5. Keep or replace the CMP Corridor Rankings?
6. Add or reduce the number of CMP Policies?
7. Expand or downsize the number of CMP Strategies?
8. Retain or replace the CMP Corridor Fact Sheets?

Current CMP Work Efforts

- * Data Collection and Analysis (Internal and External Outreach)
- * Feedback on Performance Measures and Strategies (Existing and New)
- * CMP Network Reevaluation (LOS Analysis / MTP Consistency)
- * Outreach Efforts (Presentations and Web Page Updates)

Roadway Corridors in 2013 CMP Update



Highway Name
DNT
IH 20
IH 30
IH 35
IH 35E
IH 35W
IH 45
IH 635
IH 820
Loop 12
PGBT
SH 114
SH 121
SH 161
SH 183
SH 360
SP 97
SP 366
SP 408
SP 482
US 67
US 75
US 80
US 175
US 287

CMP Update Schedule

February 2019	STTC Overview Presentation
March 2019	RTC Overview Presentation
April 2019	Public Input Meeting
April-Aug 2019	Committee Outreach (STTC, RSAC, RFAC, PWC)
Aug-Sept 2019	30-Day Public Comment Period
August 2019	STTC Workshop and Public Meeting – Draft CMP
September 2019	STTC (Info) – Scoring Criteria and Corridor Rankings
October 2019	RTC Workshop – Draft CMP
October 2019	STTC (Action) – Final CMP
November 2019	RTC (Action) – Final CMP

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FY2020 and FY2021
***Unified Planning Work Program for
Regional Transportation Planning***

Surface Transportation Technical Committee
May 24, 2019

Unified Planning Work Program for Regional Transportation Planning

**Required by Fixing America's Surface Transportation
(FAST) Act**

Summarizes Annual MPO Funding

Addresses Regional and Local Issues

Inventories Planning and Programming Activities

Allocates Available Funds to Specific Tasks

Five Major Tasks

Task 1 – Administration and Management

Task 2 – Transportation Data Development and Maintenance

Task 3 – Short-Range Planning and Programming, and Air Quality and Transit Operations

Task 4 – Metropolitan Transportation Plan

Task 5 – Special Studies and System Operations

Local Government/Agency Submittals

41 Submittals Received

16 Agencies Submitted Projects:

Cities of Dallas, Denton, Fort Worth, Irving, Kennedale, Lewisville, Mesquite, Plano, Terrell, and Richardson; Counties of Dallas and Hood; DFW Airport; Denton County Transportation Authority; Trinity Metro; NCTCOG

30 Projects Recommended for Inclusion

11 Projects Not Recommended for Inclusion

FY2020 and FY2021 Major Planning Initiatives

- **Monitoring of Mobility 2045**
- **2021-2024 Transportation Improvement Program**
- **Data Collection/Travel Model Enhancement**
- **Automated Vehicle Technology**
- **Freight Planning**
- **High-Speed Rail**
- **Bicycle/Pedestrian Plans**
- **Regional Transit Planning Assistance**
- **DFW Airport Freight/Regional People Mover Technology Access Study**
- **Harry Hines Boulevard Corridor Study**
- **MATA M-line Extension**

Development Schedule

DATE	UPWP DEVELOPMENT
February 22	Initiation of Requests for NCTCOG Assistance
February 22	STTC Notification of UPWP Development
March 14	RTC Notification of UPWP Development
March 22	Project Submittals for NCTCOG Assistance Due
May 13	Public Meeting on Draft Recommendations
May 24	Draft Recommendations to STTC for Information
June 1	Draft Due to TxDOT and Concurrently Provided to STTC
June 13	Draft Provided to RTC for Information
June 28	STTC Action on Recommended UPWP
July 11	RTC Action on Recommended UPWP
August 1	Final Document Due to TxDOT
August 22	Executive Board Endorsement of Recommended UPWP

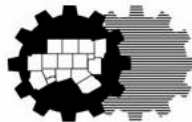
Unified Planning Work Program

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North Central Texas
Council of Governments
Transportation Department

<https://www.nctcog.org/trans/study/unified-planning-work-program>



BUILD Grants

Better Utilizing Investments to Leverage Development Transportation Discretionary Grants Program

Source: USDOT BUILD Discretionary Grants - www.transportation.gov/BUILDgrants



North Central Texas
Council of Governments

May 24, 2019

Surface Transportation Technical Committee
Information Item – Program Overview and Notice of Funding Availability

BUILD Discretionary Grant Program

Program Overview

2

- **BUILD – Better Utilizing Interests to Leverage Development**
- **\$900 Million Available Nationwide in FY 2019:**
 - Grant Awards Maximum = **\$25 Million**; Minimum = **\$5 Million** (Urban)/**\$1 Million** (Rural)
 - No more than **10%** (or **\$90 Million**) may be awarded to a single State
 - Up to **50%** (or **\$450 Million**) intended for projects in rural areas
- **Federal Cost Sharing:**
 - Up to 80% in urban areas (including BUILD); greater than 80% permitted for rural projects
 - Generation of non-Federal revenue no longer considered part of primary selection criteria
- **Non-Federal Cost Sharing:**
 - State, local, or private-sector funding
 - Other funds may include right-of-way contributions, toll credits, or recycled revenue from competitive sales/leases of publicly-owned/operated assets

BUILD Discretionary Grant Program

Submittal/Funding Deadlines

3

- **Application Submittal Deadline – July 15, 2019, 7:00 pm CDT**
- **USDOT Project Awards to be Announced by November 12, 2019**
- **Obligation Deadline – September 30, 2021**
 - Signed/executed agreement between USDOT and Grant Recipient
 - Completed environmental clearance, design, and ROW acquisition required
- **Expenditure Deadline – September 30, 2026**

BUILD Discretionary Grant Program

Merit Criteria Evaluation

4

- Safety
- State of Good Repair
- Economic Competitiveness
- Environmental Protection
- Quality of Life
- Innovation (Technology Applications/Project Delivery Methods)
- Partnership
- Project Readiness
- Benefit-Cost Analysis



BUILD Discretionary Grant Program

Regional Project Selection Methodology

5

- Select potential urban/rural projects in both the east and west sub-regions
- Evaluate partnership opportunities with TxDOT, other transportation providers, and/or local governments
- Review recent discretionary grant submittals (BUILD, INFRA, TIGER, FASTLANE, SGR, etc.) and existing project commitments (MTP, 10-Year Plan, TIP, etc.)
- Determine significant economic development opportunities with needed transportation catalysts and review transportation performance targets
- **Likely submittal outcome: 1 rail project; 2 roadway projects**



BUILD Discretionary Grant Program

Previously Submitted NCTCOG Projects

6

Grant	Project	Agency	Status
BUILD 2018	IH 635 (LBJ) East	NCTCOG	Not Selected
BUILD 2018	AllianceTexas/Haslet Accessibility Improvement Project	NCTCOG	<u>Awarded</u>
BUILD 2018	Trinity Railway Express (TRE) Multimodal Improvements	NCTCOG	Not Selected
INFRA 2019	Strategic NHS Bridge Program	NCTCOG	Pending
INFRA 2019	IH 30 Rockwall County – Lake Ray Hubbard Bridge	NCTCOG	Pending
INFRA 2019	North Texas MOVES Program	NCTCOG	Pending
State of Good Repair 2019 (FRA)	North Texas MOVES Program	NCTCOG	Pending

NOTE: INFRA 2018 – TxDOT North Tarrant Express – Awarded

BUILD Discretionary Grant Program

Potential Project Candidates

7

■ Rail

- ❑ North Texas MOVES Program (developed from recent BUILD, INFRA, and SGR grants)
- ❑ Projects: Double Track Medical Market Center to Stemmons Freeway, Double Track TRE near new Trinity Lakes Station, and ClearPath Technology – \$44 Million
- ❑ Project components occur in both east and west sub-regions
- ❑ Local government approvals already obtained/confirmed for project components

■ Roadway

- ❑ TxDOT/NCTCOG staff feedback has identified the following preferred projects:
- ❑ East: US 80 Reconstruction in Mesquite (IH 635 Belt Line Road) – \$242 Million, or US 75 /Ridgeview Dr. Interchange in Fairview and US 75 Technology Lanes Extension to SRT/SH 121
- ❑ West: SH 114 Frontage Roads in Southlake/Trophy Club/Westlake (FM 1938 – Dove Road) \$36 Million

■ Project funding sources, amounts, and BUILD Grant requests to be determined

BUILD Discretionary Grant Program

Proposed Timeline

8

- | | |
|-----------------------|---|
| April 22, 2019 | BUILD Grant Notice of Opportunity Announced |
| May 24, 2019 | STTC Information (Identify Candidate Projects) |
| June 13, 2019 | RTC Information (Identify Candidate Projects) |
| June 28, 2019 | STTC Action (Project Scope & Cost Estimate/Sources Finalized) |
| June 28, 2019 | Request Deadline for Letters of Support
Send to Rebekah Hernandez - rhernandez@nctcog.org |
| July 11, 2019 | RTC Action |
| July 15, 2019 | BUILD Application Submittal Deadline - www.grants.gov |
| July 25, 2019 | Executive Board Endorsement |

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May 24, 2019

Surface Transportation Technical Committee
Information Item – Program Overview and Notice of Funding Availability



Rideshare. Record. Reward.

TRAVEL DEMAND MANAGEMENT PROGRAM

2018 PERFORMANCE REPORT

Surface Transportation Technical Committee

**Caryn Sanders
North Central Texas Council of Governments
May 24, 2019**

Travel Demand Management (TDM) Program 2018 Performance Report Overview

- Try Parking It Commute Modes and Emissions
- Regional Vanpool Program
- Try Parking It Commuter Challenge Results
- Try Parking It 2019 News Updates
- Try Parking It G.R.E.E.N. Reward Partner Update



Rideshare. Record. Reward.

Try Parking It Commute Modes January 2018 – December 2018



Commute Mode	Number of Times Used	VMT Reduced (mi)	Percentage Used
Carpool - Drive & Ride	20,024	376,630	32%
Vanpool - Drive & Ride	1,368	55,868	2%
Transit - Bus	4,955	65,027	8%
Transit - Rail	7,520	141,957	12%
Walk	9,143	7,073	15%
Bike	6,889	25,049	11%
Telecommute	9,011	245,228	15%
Day Off —Compressed Week	2,953	55,958	5%

Try Parking It Emissions & Health Savings by Commute Mode January 2018 – December 2018



Commute Mode	Calories Burned	GHG (lbs)	NOx (lbs)	CO (lbs)	PM (lbs)	VOC (lbs)
Carpool - Drive & Ride	0	160,266	116.15	1,606.14	19.00	535.71
Vanpool - Drive & Ride	0	36,206	19.25	363.95	3.11	121.32
Transit - Bus	0	59,895	48.03	602.12	7.88	200.71
Transit - Rail	0	130,766	104.84	1,314.44	17.21	438.15
Walk	854,042	6,485	5.22	65.49	0.86	21.83
Bike	1,330,185	23,047	18.50	231.94	3.04	77.31
Telecommute	0	226,023	181.11	2,270.67	29.73	756.89
Day Off / Compressed Week	0	51,531	41.33	518.13	6.79	172.71
Brown Bag Lunch	0	233,409	186.23	2,334.79	30.57	778.26
Drive Alone ZEV	0	26,205	5.58	92.96	0.89	44.12
Total	2,184,227	953,833	726.24	9,400.63	119.08	3,147.01

Regional Vanpool Program January 2018 – December 2018



Vanpool Program	DART	Trinity Metro	DCTA	Private Provider	Combined
Number of Vans	176	80	30	92	378
Average Monthly Participants	1,224	568	298	531	2,621
Vehicle Miles of Travel Reduced	18,041,395	10,578,369	5,962,320	5,859,307	40,441,391
Vehicle Trips Reduced	535,526	245,776	137,922	221,378	1,140,602
NOx Emissions Reduced (lbs)	10,729	6,291	3,546	3,485	24,051
VOC Emissions Reduced (lbs)	3,576	2,097	1,182	1,162	8,017

2018 Try Parking It Bike Everywhere Challenge



- Regional Bike Everywhere Challenge - May 2018
- Commuters Encouraged to Bike Everywhere Instead of Driving



Rideshare. Record. Reward.

Try Parking It Bike Everywhere Challenge

May 1 - 31, 2018

Celebrate National Bike Month from May 1 through May 31, 2018 by challenging yourself to bike everywhere this month. Instead of driving, try biking to work, school, lunch, or to run errands. It's easy to participate in the challenge. Simply: Register. Ride. Record.

Try Parking It Bike Challenge Prizes for:
Most Bike Trips Taken & Most Bike Miles Traveled



\$125 Amazon E-gift Card & TPI Swag



\$100 Amazon E-gift Card & TPI Swag



\$75 Amazon E-gift Card & TPI Swag



Register:
www.TryParkingIt.com
Click on "Challenges" tab.

The challenge is open to all North Texas residents.

2018 Try Parking It Bike Everywhere Challenge Results

Total Number of Bike Challenge Trips Logged	1,128
Total Distance of all Bike Trips (miles)	2,488.03
Total Calories Burned	132,129
Fuel Saved (gal)	116.21
GHG Saved (lbs)	2,283.30

2018 Try Parking It Employee Transportation Champion (ETC) Awards Luncheon



- NCTCOG Travel Demand Management Program hosted the Try Parking It Employee Transportation Champion Award Luncheon on June 29, 2018
- Recognized Individuals that Best Demonstrated a Commitment to Promoting and Advancing Workplace Commuter Transportation Options
- Employee Transportation Champion of the Year Awards were given in the Public Sector; Private Sector; and Education Sector

2018 Try Parking It Employee Transportation Champion of the Year Winners



Sandy Bauman

ETC of the Year - Education Sector

University of North Texas Health Science Center –
Fort Worth, Texas

Kendra Beseler and Ty Munger

ETC of the Year - Private Sector

Liberty Mutual Insurance Company – Plano, Texas

Kevin Overton and Brittany Hailey

ETC of the Year - Public Sector

City of Dallas – Dallas, Texas



Try Parking It G.R.E.E.N. Reward Partner Update



GIVE. RECEIVE. EXPAND. EFFECT. NORTH TEXAS.

- Business Recruitment Efforts Led by The Burrell Group in Dallas, TX
- 226 Local Businesses to Date
- Nearly \$418,000 Donated in Goods and Services Between December 2016 – April 2019

Try Parking It G.R.E.E.N. Reward Partners To Date



BERMUDA
GOLD & SILVER



Try Parking It G.R.E.E.N. Reward Partners To Date



Try Parking It G.R.E.E.N. Reward Partners To Date



PACIFIC
TABLE

Ascension



That
Corn
Man
How That Corn Man



Try Parking It G.R.E.E.N. Reward Partners To Date



Rideshare. Record. Reward.



Piano - Voice - Guitar
www.micsquare.org

Messina Shoe Repair



Dollar Branch

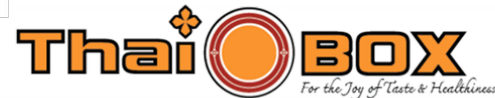
Try Parking It G.R.E.E.N. Reward Partners To Date



Try Parking It G.R.E.E.N. Reward Partners To Date



Rideshare. Record. Reward.



Try Parking It G.R.E.E.N. Reward Partners To Date



Try Parking It G.R.E.E.N. Reward Partners To Date



Dallas Civil Rights Museum



NORTH HILLS VILLAGE | 7640 NE LOOP 820 | SUITE 110 | NORTH RICHLAND HILLS, TX



Try Parking It G.R.E.E.N. Reward Partners To Date



Try Parking It G.R.E.E.N. Reward Partners To Date



7-Eleven, Inc. – Plano
A.C.N. Herbs / Green Tea – Dallas
Abundantly Aromatic – Dallas
AMC Theatre Group – Plano
American Airlines Center – Dallas
Amon Carter Museum of American Art - Fort Worth
Bikram Yoga - Fort Worth
Black Academy of Arts and Letters – Dallas
Christi Harris Beaute Inc. – Addison
Color Shack Art Studio – Richardson
Cotton Patch – Allen
The Crow Collection of Asian Art Museum – Dallas
Dallas Black Dance Theatre – Dallas
Eno's Pizza Tavern – Dallas
Fort Worth Opera - Fort Worth
The Fresh Market – Dallas

Gaylord Hotel and Resort – Grapevine
Green Pet – Dallas
Griffin Fitness – Hurst
Grimaldi's Pizzeria - Dallas
Jubilee Theatre - Fort Worth
The Juice Bar – Dallas
LCI Media – Dallas
Mad Duck Cyclery – Grapevine
Master Made Feeds – Grapevine
NRH2O Family Water Park - North Richland Hills
Pedals Cycling Studio – Keller
Popcorn Occasions – Hurst
Pyramid Restaurant at Fairmont Dallas Hotel –
Dallas
Reata Restaurant - Fort Worth
Sweet Tomatoes - All DFW Locations
Texas Rangers – Arlington
Texas Revolutions Arena Football – Plano
Trouvi Cookies – Dallas
Wrap Addict: It Works - Dallas and Fort Worth



**2019
Try Parking It
Relaunch of
Website and
App**

Anticipated Website Relaunch - August 1, 2019

Ability to Track Alternative Commutes by Synchronizing Account With Third Party Applications (UberPOOL, Lyft Shared, Strava, Under Armour Fitness, etc.)

Instant Redemption of Rewards

Automatic Import of Vans Managed by Commute with Enterprise Vanpools (DART, DCTA, and Trinity Metro Vans)

NCTCOG Travel Demand Management Program Contacts



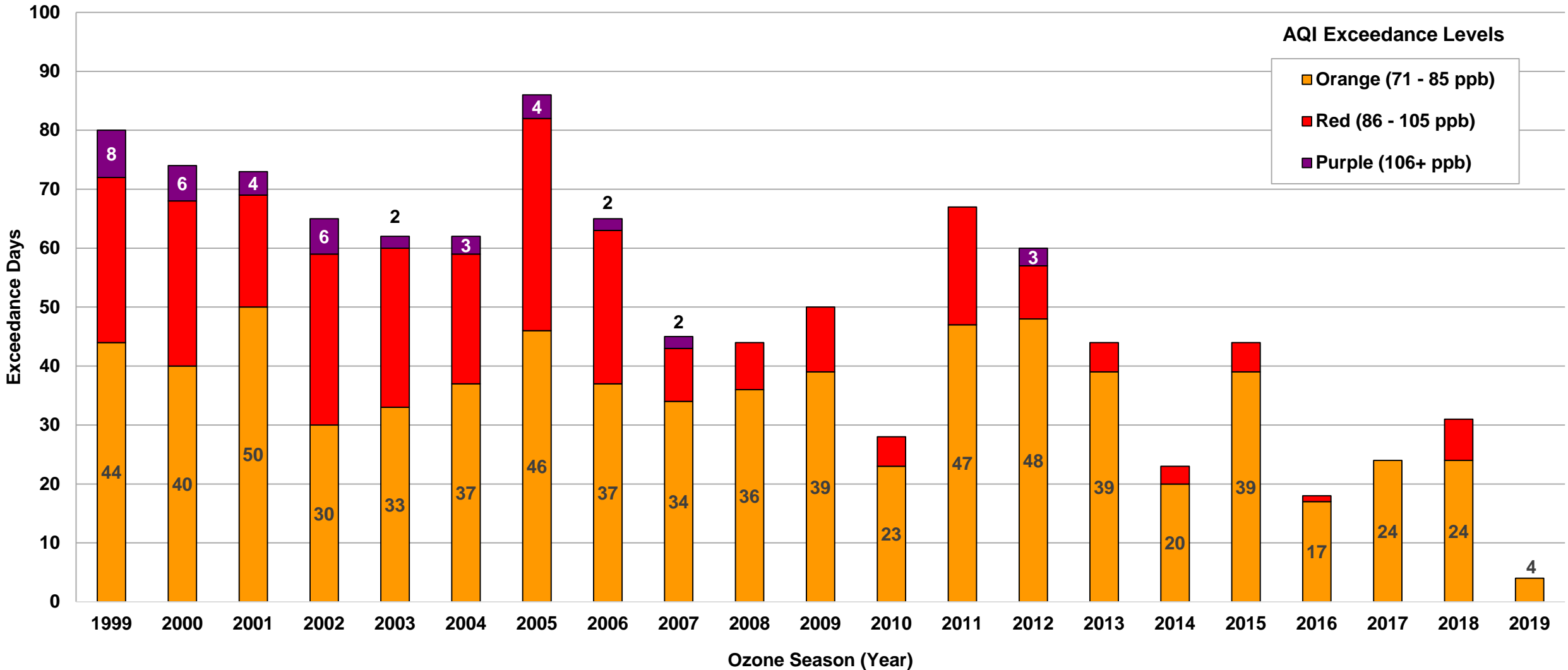
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8-HOUR OZONE NAAQS HISTORICAL TRENDS

Based on ≤ 70 ppb (As of May 24, 2019)

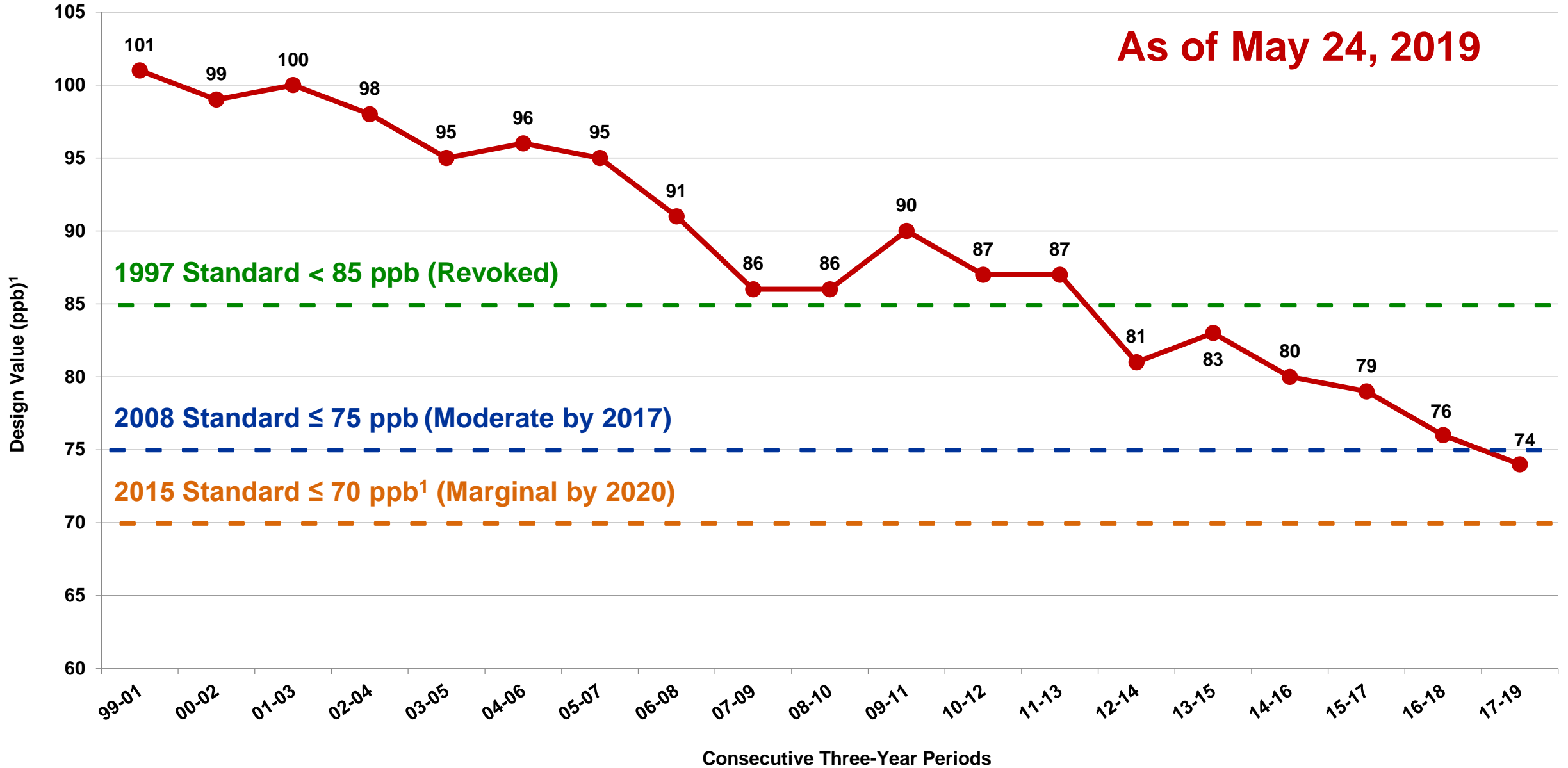


Exceedance Level indicates daily maximum eight-hour average ozone concentration.
Exceedance Levels are based on Air Quality Index (AQI) thresholds established by the EPA for the revised ozone standard of 70 ppb.

Source: TCEQ, http://www.tceq.state.tx.us/cgi-bin/compliance/monops/8hr_monthly.pl
ppb = parts per billion

8-HOUR OZONE NAAQS HISTORICAL TRENDS

As of May 24, 2019



¹Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the *Design Value* (three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration) is equal to or less than 70 parts per billion (ppb).

For More Information

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JOPPA IMPROVEMENTS



JOPPA IMPROVEMENTS

Project	Agency	Amount
Bypass Track	UPRR	\$20 Million
Pedestrian Bridge	RTC	\$4-8 Million
Loop 12 Improvements	RTC	\$1.2 Million
Landscaping	UPRR	\$.5 Million
UP Funding For Ped Bridge*	UPRR	\$1 Million
Transit Shelters	DART	TBD

*Funding Dependent on Crossing Closure